

# Towards an Open Science Ecosystem

## Current and planned Services and Infrastructure at the University of Bern

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### BORIS Theses (Under construction)

- Publication platform for dissertations
- Long-term archiving at the Swiss National Library
- Pilot project with Graduate School for Cellular and Biomedical Sciences (GCB)
- DOIs



Active Research Data Management (ELN, LIMS)



### Services

- Guidance on research data publication, file formats, DMPs, funding requirements, publication processes, contracts, copyright questions and Open Access licenses
- Training sessions in Open Access and Research Data Management
- DMP Writing Labs
- Review of publishing agreements and DMPs
- Verifying self-archiving policies and metadata
- Technical and organisational support for researchers and journal editors (BOP)
- Negotiating with external service providers (print and distribution, templates, copy-editing and layout)



### BORIS Publications

- Open Access repository for publications
- Entry portal for research evaluation
- ORCID integration
- Green and gold OA
- Linkout to PubMed
- DOIs
- ~90'000 publications

Data Stewardship



### BORIS CRIS (Under construction)

- Repository for project information
- Interfaces to all BORIS installations
- Interfaces to the university's financial and staff databases

*u<sup>b</sup>*

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Data Curation



### BORIS Research Data (Under construction)

- Open Access repository for research data
- Funder compliant
- Interoperable
- DOIs
- Elasticsearch

BOP  
Extension  
→ Books



### BOP

- OJS platform for journals and series
- DOIs and ISSNs
- LOCKSS
- Journal registration in Sherpa/Romeo, DOAJ, and subject specific databases
- 8 journals, 2 series
- 2 journals and 3 series planned



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